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 $\bigcirc$  A superconductor of the type  $AM_2Cu_3O_x$ , in which x is about 7 and M is an alkaline earth, is obtained by alkaline melting of xenotyme and melting of the product with an alkaline earth and copper oxide.



## EUROPEAN SEARCH REPORT

EP 88312319.2

<del></del>		n indication, where appropriate, ant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (int. Cl. 4)	
У		gust 1987, pages atsu et al.: "Crys- Superconductor Ba- c prepared by Mel-	1,5,6	H01L39/24 C04B35/00 C04B35/60 C04B35/50 H01L39/12	
Y	GB-A-1223682 (REYNO * page 1; page 3, c page 4, column 1,	olumn 2, line 125 -	1,5,6		
A	US-A-4238467 (M. DU	GAN et al.)	2		
	* claims *			TECHNICAL FIELDS, SEARCHED (Int. CI.4)	
				н01L СО4В	
	The present search report has b	een drawn up for claims 1, 2, 5, 0	5		
Place of search Berlin		Date of completion of the search 05.09.1990	l	Examiner A. JUHL	
Y : pa	CATEGORY OF CITED DOCU inticularly relevant if taken alone inticularly relevant if combined we become to the same category chnological background on-written disclosure	E: earlier p after the ith another D: docume L: docume	atent document, filing date nt cited in the ap nt cited for othe		



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			s fees have been paid within the prescribed time limit. The present European search report has been for the first ten claims.				
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	ition	n and relates to	ensiders that the present European patent application does not comply with the requirement of unity of a several inventions or groups of inventions.				
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1	L.	Claims:	1,2,5,6: Superconductor and method using xenotyme				
· 2	2.	Claims:	3,4: Separating rare earths in xenotyme				
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	J		r search fees have been paid within the fixed time limit. The present European search report has whup for all claims.				
Е	J	report has	Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid.				
		namely cla	alms:				
Σ	X]	has been	the further search fees has been paid within the fixed time limit. The present European search report drawn up for those parts of the European patent application which relate to the invention first d in the claims, $1, 2, 5, 6$				